

WHAT IS CLAIMED IS:

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"T06T" 80433660
1. A method of manufacturing a display device comprising the steps of:  
providing at least one first electrode over a substrate;  
providing a circuit for supplying driving signals to the at least one first electrode, the circuit having at least one second electrode; and  
electrically connecting the first and second electrodes through an electrically conductive adhesive,  
wherein the adhesive comprises an adhesive resin, resilient conductive particles and hard particles, and a weight proportion of the resilient conductive particles is larger than that of the hard particles.
2. A method of manufacturing a display device according to claim 1 wherein the resilient conductive particles comprises spheres coated with a metal.
3. A method of manufacturing a display device according to claim 2 wherein the spheres comprise polystyrene.
4. A method of manufacturing a display device according to claim 1 wherein the hard particles comprise silicon oxide.
5. A method of manufacturing a display device comprising the steps of:  
providing at least one first electrode over a first substrate;  
providing a circuit for supplying driving signal to the at least one first electrode, the circuit having at least one second electrode; and  
electrically connecting the first and second electrodes through a conductive adhesive, wherein the conductive adhesive extends beyond each end of the first and second electrodes,  
wherein the conductive adhesive comprises a UV cured resin, resilient conductive particles and hard particles, and the first electrode comprises a transparent conductive oxide.
6. A method of manufacturing a display device according to claim 5 wherein the resilient conductive particles comprise resilient particles coated with a film comprising Au.

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7. A method of manufacturing a display device according to claim 5 wherein the particles comprise polystyrene.
8. A method of manufacturing a display device according to claim 5 wherein the conductive adhesive further comprises hard particles.
9. A method of manufacturing a display device comprising the steps of:  
providing a plurality of first electrodes comprising a transparent conductive oxide formed over a substrate;  
providing second electrodes, wherein the second electrodes are electrically connected to an integrated circuit chip; and  
electrically connecting the first electrodes and the second electrodes through a conductive adhesive,  
wherein the electrically conductive adhesive comprises an adhesive resin, resilient conductive particles and hard particles and the resilient conductive particles are contained in the adhesive resin at a higher weight proportion than the hard particles.
10. A method of manufacturing a display device according to claim 9 wherein the resilient conductive particles comprises spheres coated with a metal.
11. A method of manufacturing a display device according to claim 10 wherein the spheres comprise polystyrene.
12. A method of manufacturing a display device according to claim 9 wherein the hard particles comprise silicon oxide.
13. A method of manufacturing a display device according to claim 1 wherein the resilient conductive particles have a larger diameter than the hard particles.
14. A method of manufacturing a display device according to claim 8 wherein the resilient conductive particles have a larger diameter than the hard particles.
15. A method of manufacturing a display device according to claim 9 wherein the resilient conductive particles have a larger diameter than the hard particles.

16. A method of manufacturing a display device comprising the steps of:

providing a plurality of first electrodes;  
providing a plurality of second electrodes;  
providing an adhesive resin between the first and second electrodes, the adhesive resin containing resilient conductive particles and hard particles wherein at least one of the first electrodes is electrically connected to at least one of the second electrodes through at least one of the resilient conductive particles,  
wherein the resilient conductive particles are contained in the adhesive resin at a higher weight proportion than the hard particles.

17. A method of manufacturing a display device according to claim 16 wherein the resilient conductive particles have a larger diameter than the hard particles.

18. A method of manufacturing a display device according to claim 16 wherein the conductive particles comprises spheres coated with a metal.

19. A method of manufacturing a display device according to claim 18 wherein the spheres comprise polystyrene.

20. A method of manufacturing a display device according to claim 16 wherein the hard particles comprise silicon oxide.

21. A method of manufacturing a display device according to claim 5 wherein the device is a liquid crystal device.

22. A method of manufacturing a display device comprising the steps of:

providing at least one first electrode comprising transparent conductive oxide formed over a substrate;  
providing at least one second electrode;  
electrically connecting the first electrode and the second electrode with a resin interposed therebetween wherein the resin includes resilient conductive particles,



32. ~~A~~ method of manufacturing a display device according to claim 5 wherein the electrically connecting step is conducted by heating and irradiating UV light under pressure.

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